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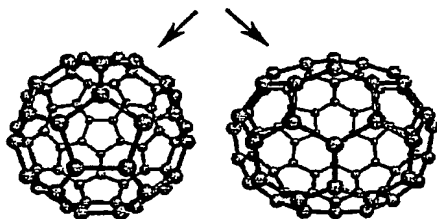
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(54) Title: A(3-n)X_nN@C₈₀ ENDOHEDRAL METALLOFULLERENES AS LUBRICANT OF ADDITIVE, CORROSION-RESISTANT COATING, AND THERMALLY-CONDUCTIVE MATERIALS.

Empty Cage Fullerenes



C₆₀ (I_h)

C₇₀ (D_{5h})

(57) Abstract: A_{3-n}X_nN@C₈₀ endohedral metallofullerenes used as or in lubricant, lubricant additive, corrosion-resistant, and thermally conductive materials are disclosed. Methods of making and using are provided.